

Title (en)

METHOD AND DEVICE FOR DETECTING FAST NEUTRONS

Title (de)

VERFAHREN UND EINRICHTUNG ZUR ERKENNUNG SCHNELLER NEUTRONEN

Title (fr)

PROCEDE ET DISPOSITIF DE DETECTION DE NEUTRONS RAPIDES

Publication

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Application

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Priority

- GB 0303906 W 20030908
- GB 0220812 A 20020907

Abstract (en)

[origin: WO2004023161A1] There is disclosed a method of detecting fast neutrons of energy greater than 5MeV comprising the steps of: providing a neutron detector comprising a plate having a plurality of microchannels or like detection sites disposed thereon which produce an electron output; directly coupling said neutron detector to an electron detector without an intermediate scintillator layer; positioning the neutron detector so that neutrons are incident on said neutron detector; and detecting the output of the electron detector.

IPC 1-7

G01T 3/00

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2004023161A1

Citation (examination)

- US 6045677 A 20000404 - BEETZ JR CHARLES P [US], et al
- US 5693946 A 19971202 - VICKERS JAMES SQUIRE [US], et al

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